

RY 2016 FORM R Worksheet

ALL LEAD REMOVED FROM PRODUCTION PROCESS IN RY 2012.
NO LEAD USED IN PRODUCTION PROCESS AFTER RY 2012
LEAD IN FORKLIFT BATTERIES IS EXEMPT.

Ethylene Oxide

Ethylene oxide usage: From sterilizer records, 99.91% DRE based on stack test 07/15/2016

70,174 lbs used
Section 5.2 63.16 lbs emitted through stack

		Liter	Gallons	
		1 =	3.785	
9300	gallons	= 35200.5	Liters	7.04 (grams = 0.016 lbs) (xxx gms/454 gms/lb)
	0 ppm to <200 ug/L	200	ug/L	= 0.0002 gm/L
	Report 0 as release.			ppm 1 = 1,000,000 0.000001 0.0002

Water shipped in connection with Lesni Tank Cleaning 07/05/2016

Production/Activity Ratio

70174	2016 Usage
62054	2015 Usage

Section 8.9 Report as Activity Ratio (Current Year/Prior Year)

1.13

Section 5.1 Fugitive Release from Flanges & Hot Box Opening Off-gas

Range A (0-10 lbs) Engineering Estimate

Section 4.1 Onsite at any one time and Avg Monthly Usage

4,000 lbs on site at any one time. Report Range Code 3: 1000-9000 lbs
Avg monthly usage 2016: 5,848 lbs.

Residue - Empty Vendor Drums - Returned to Vendor.

Not on report; not in usage calculations because never left drum. Identified as "Product Return".